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ENVIRONMENTAL RESTORATION PROGRAM FACT SHEET 2 INTERIM MEASURES NS  
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NAVAL STATION MAYPORT

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# NAVAL STATION MAYPORT Environmental Restoration Program

*This fact sheet is one in a series informing interested citizens of the environmental cleanup at Naval Station Mayport. Fact sheets will be produced at regular intervals and in response to public interest. Distribution is coordinated through the Public Affairs Office at Naval Station Mayport, telephone: (904) 270-5226.*

## FACT SHEET 2: Interim Measures

### ENVIRONMENTAL CLEANUP AT NAVAL STATION MAYPORT

Environmental studies and cleanup at Naval Station Mayport are performed through the Navy's Installation Restoration program and the Resource Conservation and Recovery Act (RCRA) Corrective Action Process. The Installation Restoration program and the RCRA Corrective Action Process are described in *Fact Sheet 1*.

Under the RCRA Corrective Action Process, sites needing environmental investigation are identified. These sites are called Solid Waste Management Units (SWMUs).

Interim Measures, the subject of this fact sheet, are a part of the Corrective Action Process. Interim Measures are initiated when a preliminary response is practical to minimize or prevent releases of potentially harmful materials into the environment. Investigations at Naval Station Mayport have identified three areas for Interim Measures to date. These measures are not designed to be the final cleanup action. Additional investigations and cleanup will be performed as needed.

Each of the proposed Interim Measures, scheduled to begin in fall of 1994, are described in the following sections. Figure 1 shows the locations of each of these three SWMUs.

#### - Public Comment Period -

Citizens are encouraged to comment on the Interim Measures. **Comments will be accepted through September 15, 1994.** Copies of the workplans are available for public review at the Beaches Branch Public Library, 600 3rd Street, Neptune Beach, Florida. Call (904) 241-1141 for library hours.

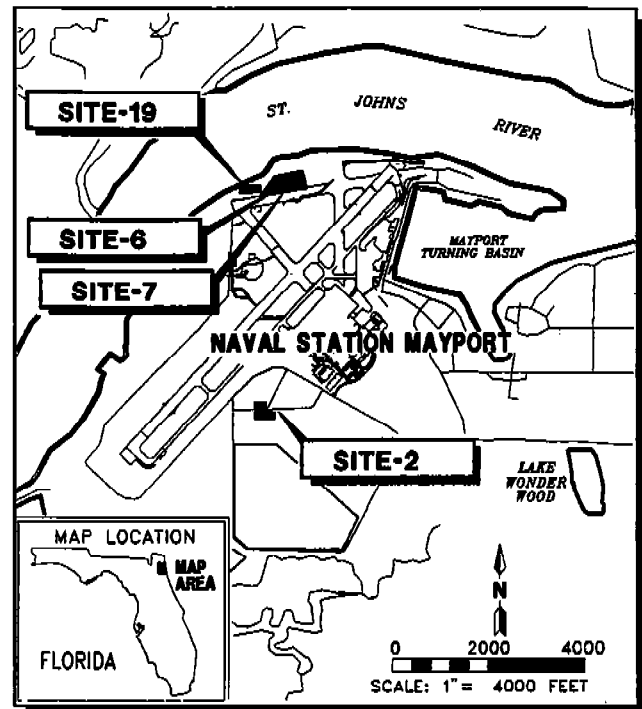


Figure 1. Location of SWMUs 2, 6, 7, and 19

### DESCRIPTION OF SWMU 2, LANDFILL B

SWMU 2 is located near the current ammunition storage area by the runway facilities at Naval Station Mayport. This area was used as a landfill from 1960 to 1964 and from 1979 to 1980. Combustible wastes, including oils, solvents, and hydraulic fluids, were sometimes burned as part of waste management practices that were acceptable at the time of disposal. After 1980, the area was graded, covered with 3 feet of soil, and paved with asphalt.

Environmental studies performed under the Installation Restoration program detected polychlorinated biphenyls (PCBs) in the soil next to the landfill. Leakage from transformers previously stored at the site is assumed to

be the source. Soil containing PCBs cover an area of about 90 feet by 60 feet by 6 inches deep.

#### **PROPOSED INTERIM MEASURE FOR SWMU 2**

The Navy has proposed an Interim Measure to remove the PCB-contaminated soil adjacent to SWMU 2. Removal of the soil will prevent contact with PCBs and spreading of PCB contamination to surrounding areas. This recommended action includes:

- excavating soil containing PCBs,
- testing soil after each 1-foot layer is removed to determine if more soil should be removed, and
- disposing of contaminated soil in a landfill certified to accept soil containing PCBs.

#### **DESCRIPTION OF SWMU 19, NAVAL AVIATION DEPOT BLASTING AREA**

SWMU 19 is located on the northern edge of Naval Station Mayport, about 25 feet from the St. Johns River (see Figure 1). From 1981 to 1991 this area was used for sandblasting unpainted aircraft carrier parts. This activity occurred outside over bare sand and soil near the river's edge. The material and affected soil cover an area of approximately 70 feet in diameter.

#### **PROPOSED INTERIM MEASURE FOR SWMU 19**

The removal of the sandblasting material and the surrounding soil will eliminate the potential for releases to the nearby St. Johns River. The proposed Interim Measure at SWMU 19 includes:

- excavating the sandblasting material,
- excavating soil that has contacted the sandblasting material, and
- disposing of soil and sandblasting material in a landfill licensed for the material and soil, as determined by testing.

#### **DESCRIPTION OF SWMUs 6 AND 7**

SWMUs 6 and 7 are the Waste Oil Pit and Oily Waste Treatment Plant Sludge Drying Beds. Both of these sites were part of the oily waste handling system at Naval Station Mayport. They are located north of the runways near the St. Johns River.

SWMU 6 was constructed in 1973 and was about 0.2 acre in size and 6 feet deep. Bilge water, solvents, and transformer oils were disposed at the site until 1978. In 1979, the Waste Oil Pit, SWMU 6, was covered. SWMU 7, which is made up of four sludge drying beds, was constructed in the same location and operated from 1979 to early 1994. Results of investigations indicate that soil and water at SWMUs 6 and 7 appear to contain oily wastes.

#### **PROPOSED INTERIM MEASURE FOR SWMUs 6 AND 7**

These two SWMUs were grouped together for treatment because they share a similar location and contamination. Removal of contaminated water and oily wastes will reduce the potential for release of these substances to the St. Johns River and surrounding area. Actions proposed for these SWMUs include:

- installing and operating large sumps to remove contaminated water and oily wastes from underground,
- sending recovered water and oily wastes through the Oily Waste Treatment Plant at Naval Station Mayport for separation and collection of the oily waste,
- treating the contaminated water in the wastewater treatment plant, and
- disposing of stored oily waste according to Federal and State requirements.

This action is scheduled to be completed by mid-winter.

#### **CONTACT PERSON**

For more information on these Interim Measures or to be added to the mailing list for future information, contact:

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